

## 2024 Idaho Chickpea – Ferdinand (Camas Prairie)

Variety or Selection	2024 Crop Year												
	2-Year Average (lb/A)	Seed Yield (lb/A)*	Test Weight (lb/bu)	100 Seed Weight (g)	Seed Protein (%)	Plant Height (in)	Canopy Height (in)	Plant Height Index (0-1)	Chickpea Size (%)				Flowering Date
									(>25/64")	(>22/64")	(>20/64")	(<20/64")	
CDC Frontier	1,272	<b>1565</b>	62.8	31.9	21.7	18	16	0.93	0	19	59	22	6/29
Billybeans	1,339	<b>1555</b>	62.6	28.0	22.3	19	17	0.88	0	2	42	56	6/25
CDC Orion	1,231	<b>1511</b>	61.5	40.0	20.2	16	15	0.97	5	64	26	5	6/24
NDC160236		<b>1485</b>	62.4	32.4	22.2	18	18	0.96	<1	21	52	27	7/1
CDC Palmer	1,245	<b>1451</b>	62.2	33.8	20.6	15	15	1.00	1	29	46	25	6/26
NSSCX04	979	<b>1373</b>	61.9	40.2	23.1	17	16	0.95	5	47	32	15	7/1
CDC Leader	1,113	1366	62.3	34.6	20.4	15	15	0.97	<1	34	50	15	6/28
NSSCX01	1,040	1353	62.1	40.3	22.9	17	17	0.96	5	43	39	12	7/1
Sawyer	1,153	1345	62.0	38.6	22.0	17	16	0.93	2	41	47	10	6/26
Kasin	1,166	1291	64.1	26.6	22.8	21	19	0.92	0	1	24	75	6/29
ND Crown		1274	62.5	32.7	22.4	20	19	0.92	1	38	42	19	7/1
New Hope	946	1243	62.1	33.7	22.7	20	19	0.95	1	28	49	22	7/1
Nash	875	1201	60.5	44.9	22.6	18	16	0.90	23	51	15	12	6/30
CA15940057C	845	1186	60.5	46.0	23.1	17	16	0.96	21	56	16	8	7/2
CA17900020C	796	1173	59.7	42.6	22.6	19	17	0.91	8	49	30	13	6/30
CA13900162C	890	1148	59.7	41.4	21.5	18	16	0.89	12	53	23	11	6/26
Sierra	831	1022	60.2	42.1	21.5	17	16	0.94	8	59	25	8	6/30
<b>Average</b>	<b>1,046</b>	<b>1,321</b>	<b>61.9</b>	<b>37.2</b>	<b>22.0</b>	<b>18</b>	<b>17</b>	<b>0.94</b>	<b>5</b>	<b>38</b>	<b>36</b>	<b>20</b>	<b>6/29</b>
<b>LSD (0.05)</b>	<b>179</b>	<b>194</b>	<b>1.1</b>	<b>2.6</b>	<b>0.8</b>	<b>1</b>	<b>1</b>	<b>ns</b>	<b>4</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>2.1</b>
<b>CV (%)</b>	<b>17.0</b>	<b>10.1</b>	<b>1.1</b>	<b>4.9</b>	<b>2.4</b>	<b>5.5</b>	<b>5.4</b>	<b>6.1</b>	<b>45.2</b>	<b>17.6</b>	<b>15.5</b>	<b>30.8</b>	<b>17.0</b>

\*Variety or selection yields in bold were statistically equal to the top yielding variety.

## 2024 Idaho Spring Pea (Green) – Ferdinand (Camas Prairie)

Variety or Selection	2024 Crop Year									
	2-Year Average (lb/A)	Seed Yield (lb/A)*	Test Weight (lb/bu)	100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Pod Shatter (%)
Passion	1,409	<b>1,743</b>	63.0	17.4	22.3	22	18	0.79	6/25	3
Pro 171-7665	1,300	<b>1,669</b>	63.5	18.6	22.7	23	20	0.87	6/26	6
Shamrock	1,229	<b>1,485</b>	63.1	16.6	25.3	27	22	0.80	7/1	5
PG 9641		1,445	62.0	18.2	24.5	27	23	0.87	6/28	5
PG 9645		1,424	62.7	16.3	25.1	26	22	0.85	6/28	5
PG 9634		1,392	63.7	17.5	25.1	26	22	0.86	6/28	6
Hampton	1,186	1,365	62.8	16.9	25.3	20	17	0.84	7/1	8
PG 9635		1,329	63.0	17.5	24.7	25	21	0.84	6/28	3
Vail**	1,067	1,311	62.8	12.1	28.6	23	19	0.83	7/2	1
PG 4046	1,261	1,304	62.5	17.0	25.9	24	20	0.83	6/27	10
PS17100182	1,240	1,288	63.3	16.1	27.9	29	23	0.79	6/30	5
Ariel	1,252	1,269	62.0	15.2	24.8	24	19	0.79	6/26	9
Ginny 2	1,057	1,219	62.3	17.6	24.2	23	19	0.84	6/26	11
Aragorn	1,183	1,206	62.4	17.2	23.9	25	20	0.80	6/26	8
Banner 18	1,070	1,142	63.9	15.9	21.4	26	21	0.84	6/24	9
Columbian	780	1,042	62.6	15.7	25.5	35	10	0.29	6/23	1
Banner	934	925	62.7	15.9	21.8	26	20	0.79	6/24	15
PS16100017		899	62.1	16.4	23.4	23	19	0.82	6/26	18
<b>Average</b>	<b>1,151</b>	<b>1,303</b>	<b>62.8</b>	<b>16.6</b>	<b>24.6</b>	<b>25</b>	<b>20</b>	<b>0.79</b>	<b>6/27</b>	<b>7</b>
<b>LSD (0.05)</b>	<b>243</b>	<b>267</b>	<b>0.6</b>	<b>0.5</b>	<b>1.6</b>	<b>2</b>	<b>2</b>	<b>0.06</b>	<b>1.6</b>	<b>5</b>
<b>CV (%)</b>	<b>21.2</b>	<b>14.4</b>	<b>0.7</b>	<b>2.0</b>	<b>4.6</b>	<b>6.3</b>	<b>6.3</b>	<b>5.1</b>	<b>15.7</b>	<b>52.2</b>

\*Variety or selection yields in bold were statistically equal to the top yielding variety.

\*\*Varieties are winter pea.

## 2024 Idaho Spring Pea (Yellow) – Ferdinand (Camas Prairie)

Variety or Selection	2024 Crop Year									
	2-Year Average (lb/A)	Seed Yield (lb/A)*	Test Weight (lb/bu)	100 Seed Weight (g)	Seed Protein (%)	Vine Length (in)	Canopy Height (in)	Plant Height Index (0-1)	Flowering Date	Pod Shatter (%)
AAC Julius	1,540	<b>1,616</b>	61.0	16.5	27.2	25	22	0.87	6/28	3
5206	1,537	<b>1,612</b>	61.3	18.0	28.4	32	28	0.88	6/30	6
PS17100022	1,523	<b>1,610</b>	62.5	19.7	26.9	32	26	0.83	6/28	4
PS22100111		<b>1,535</b>	61.8	19.3	24.0	29	25	0.87	6/29	5
PS17100120		<b>1,445</b>	61.3	20.8	23.7	24	20	0.81	6/29	5
Pro 173-7406	1,185	<b>1,432</b>	59.7	20.0	23.0	28	22	0.80	6/26	11
PS22100020		1,342	59.7	19.3	26.7	25	21	0.84	6/27	8
PS17100008	1,212	1,337	61.4	19.6	21.4	20	16	0.80	6/26	11
Carousel	1,354	1,334	62.4	19.8	25.1	25	21	0.84	6/28	8
AAC Chrome	1,214	1,278	60.9	17.2	24.9	23	19	0.81	6/28	9
Pro 143-6230		1,201	61.6	17.7	24.6	25	20	0.79	6/28	9
Payback**	928	1,070	61.3	11.3	25.7	16	13	0.85	7/5	0
<b>Average</b>	<b>1,310</b>	<b>1,401</b>	<b>61.3</b>	<b>18.3</b>	<b>25.1</b>	<b>25</b>	<b>21</b>	<b>0.83</b>	<b>6/28</b>	<b>6</b>
<b>LSD (0.05)</b>	<b>231</b>	<b>252</b>	<b>0.7</b>	<b>0.6</b>	<b>1.6</b>	<b>2</b>	<b>2</b>	<b>ns</b>	<b>1.3</b>	<b>5</b>
<b>CV (%)</b>	<b>17.2</b>	<b>12.5</b>	<b>0.8</b>	<b>2.3</b>	<b>4.5</b>	<b>5.3</b>	<b>5.8</b>	<b>5.4</b>	<b>10.5</b>	<b>54.0</b>

\*Variety or selection yields in bold were statistically equal to the top yielding variety.

\*\*Varieties are winter pea.

## 2024 Idaho Spring Lentil – Ferdinand (Camas Prairie)

Variety or Selection	Market Class	2-Year Average (lb/A)	2024 Crop Year					Flowering Date
			Seed Yield (lb/A)*	100 Seed Weight (g)	Plant Height (in)	Canopy Height (in)	Plant Height Index (0-1)	
LC06601616R	Medium green		<b>656</b>	5.2	13	10	0.80	6/26
LC08600113P	Spanish brown		<b>580</b>	4.7	12	9	0.74	6/29
LC14600088R	Medium green	430	<b>578</b>	5.2	13	10	0.76	6/27
LC14600027P	Spanish brown		<b>573</b>	4.8	13	11	0.85	6/26
LC14600017P	Spanish brown	454	<b>555</b>	4.7	13	11	0.83	6/27
LC19640586R	Medium green	490	<b>547</b>	4.8	14	11	0.78	6/27
LC19640192R	Medium green	513	<b>544</b>	4.7	13	11	0.83	6/25
LC19640200P	Spanish brown		<b>511</b>	4.6	12	10	0.86	6/24
LC09600507P	Spanish brown		<b>496</b>	4.6	12	10	0.84	6/25
Avondale	Medium green	496	<b>488</b>	5.1	14	12	0.84	6/27
Morena	Spanish brown	369	<b>485</b>	4.4	13	10	0.81	6/28
Pardina	Spanish brown	463	<b>430</b>	4.4	11	9	0.78	6/25
Merrit	Large green	568	<b>417</b>	5.6	14	11	0.82	6/24
Brewer	Large green	278	310	5.0	15	11	0.72	6/24
<b>Average</b>		<b>450</b>	<b>512</b>	<b>4.8</b>	<b>13</b>	<b>10</b>	<b>0.80</b>	<b>6/26</b>
<b>LSD (0.05)</b>		<b>ns</b>	<b>140</b>	<b>0.3</b>	<b>1</b>	<b>1</b>	<b>ns</b>	<b>2.2</b>
<b>CV (%)</b>		<b>46.6</b>	<b>19.1</b>	<b>4.4</b>	<b>0.6</b>	<b>7.2</b>	<b>10.1</b>	<b>26.8</b>

\*Variety or selection yields in bold were statistically equal to the top yielding variety.